

Prior to examination on the merits, please amend the following claims:

IN THE CLAIMS

(once amended) 1. An improved non-tacky crystal gels comprising:

(I) 100 parts by weight of

(i) one or more substantially random copolymers (pseudo-random copolymers or interpolymers) having one or more glassy components and at least one substantially crystalline components, wherein said (i) copolymers being in combination with a selected amount of one or more selected second copolymers comprising:

(ii) one or more substantially random copolymers having one or more glassy components and one or more crystalline components of negligible crystallinity, low crystallinity, or moderate crystallinity;

(iii) one or more substantially random copolymers having one or more glassy components and one or more crystalline components of negligible crystallinity or low crystallinity;

(iv) one or more substantially random copolymers having one or more glassy components and one or more amorphous components;

(v) one or more of a diblock, triblock, multi-arm block, branched block, radial block, or multiblock copolymers, wherein said (v) copolymers having one or more glassy components and one or more elastomeric components of selected crystallinity; and

(vi) one or more of a diblock, triblock, multi-arm block, branched block, radial block, or multiblock copolymers, wherein said (vi) copolymers having one or more glassy components and one or more amorphous elastomeric components;

(vii) a mixture of ~~two~~ two or more (ii)-(vi) copolymers;  
wherein said (i)-(iii) and (v) copolymers are characterized by one or more polyethylene components of negligible crystallinity, low crystallinity, moderate crystallinity, or of sufficient crystallinity as to exhibit a melting endotherm curve of at least about 25°C as determined by DSC curve, and said crystal gel being characterized by sufficient crystallinity as to exhibit a melting endotherm of at least about 10°C or greater as determined by DSC curve;

(II) in combination with or without one or more of selected homopolymers of polystyrene, poly(alpha-methylstyrene), poly(o-methylstyrene), poly(m-methylstyrene).

poly(p-methylstyrene), or poly(dimethylphenylene oxide); and

(III) a selected amount of one or more compatible low viscosity plasticizers of sufficient amounts to achieve a stable gel having rigidities of from less than about 2 gram Bloom to about 1,800 gram Bloom.

(once amended) 2. An improved non-tacky crystal gel according to claim 1, wherein said crystalline components having a selected crystallinity capable of exhibiting in differential scanning calorimeter (DSC) a melting ~~endotherm of at~~ about ~~25°C, 21°C, 22°C, 23°C, 24°C, 25°C, 26°C, 27°C, 28°C, 29°C, 30°C, 31°C, 32°C, 33°C, 34°C, 35°C, 36°C, 37°C, 38°C, 39°C, 40°C, 41°C, 42°C, 43°C, 44°C, 45°C, 46°C, 47°C, 48°C, 49°C, 50°C, 51°C, 52°C, 53°C, 54°C, 55°C, 56°C, 57°C, 58°C, 59°C, 60°C~~ 10°C or higher.

(Once amended) 9. A non-tacky crystal gel of claim 1 having a minor amount of at least one or more glassy component associating resins having softening points above about 120°C an ~~adhesion resin component.~~

(once amended) 10. A ~~composite~~ non-tacky ~~comprising a gel composition comprising;~~ Gn, ~~formed from~~

(i) 100 parts by weight of one or more hydrogenated styrene isoprene/butadiene block copolymers ~~exhibiting sufficient crystallinity of negligible crystallinity or low crystallinity~~, wherein said block copolymer is a high viscosity copolymer having a viscosity value at 5 weight percent solution in toluene at 30°C of about 90 cps and higher which corresponds to a viscosity at 10 weight percent of about 5800 cps and higher which corresponds to a viscosity at 20 weight percent solids solution in toluene at 2°C of at about 80,000 cps and higher, and from

(ii) about 250 to about 1,600 parts by weight of a low viscosity plasticizing oil; said gel compositions characterized by a gel gram Bloom of about 2 to about 2000 gram bloom; and in combination with or without

(iii) a selected amount of one or more polymers or copolymers of poly(styrene-butadiene-styrene), poly(styrene-butadiene)n, poly(styrene-isoprene)n, poly(styrene-ethylene-propylene), poly(styrene-ethylene-butylene), poly(styrene-ethylene-propylene)n, poly(styrene-ethylene-butylene)n, polystyrene, polybutylene, poly(ethylene-propylene),

poly(ethylene-butylene), poly(styrene-ethylene-propylene-styrene), poly(styrene-ethylene-butylene-styrene), polypropylene, or polyethylene; wherein said selected copolymer is a linear, radial, star-shaped, branched or multiarm copolymer, wherein n is greater than one; ~~and wherein said composite formed from the combination GnGn, MnMnGn, GnMn, GnMnGn, MnGnMn, MnGnGn, MnMnMnGn, MnMnMnGnMn, MnGnGnMn, GnMnGnGn, GnMnMnGn, GnGnMnMn, GnGnMnGnMn, GnMnGnGn, GnMnGnMnMn, MnGnMnGnMnGn, GnGnMnMnGn, GnGnMnGnMnGn, a sequential addition or a permutation of one or more of said Gn with Mn; wherein when n is a subscript of M, n is the same or different selected from the group consisting of foam, plastic, fabric, glass, ceramics, synthetic resin, or synthetic fibers; and wherein when n is a subscript of G, n denotes the same or a different gel rigidity and~~

(iv) a minor amount of at least one or more glassy component associating resins having softening points above about 120°C.

(once amended) 11. A ~~composite non-tacky comprising~~ a gel composition comprising: Gn, ~~formed from-~~

(i) 100 parts by weight of one or more hydrogenated styrene block copolymers having 2-methyl-1,3-butadiene and 1,3-butadiene blocks, wherein said block copolymer ~~exhibiting sufficient crystallinity of negligible crystallinity or low crystallinity,~~ is a high viscosity copolymer having a viscosity value at 5 weight percent solution in toluene at 30°C of about 90 cps and higher which corresponds to a viscosity at 10 weight percent of about 5800 cps and higher which corresponds to a viscosity at 20 weight percent solids solution in toluene at 25°C of at about 80,000 cps and higher, and from

(ii) about 250 to about 1,600 parts by weight of a low viscosity plasticizing oil; said gelatinous elastomer compositions characterized by a gel gram Bloom rigidity of about 2 to about 2000 gram bloom; and in combination with or without

(iii) a selected amount of one or more polymers or copolymers of poly(styrene-butadiene-styrene), poly(styrene-butadiene)n, poly(styrene-isoprene)n, poly(styrene-ethylene-propylene), poly(styrene-ethylene-butylene), poly(styrene-ethylene-propylene)n, poly(styrene-ethylene-butylene)n, poly(styrene-ethylene-propylene-styrene), poly(styrene-ethylene-butylene-styrene), polystyrene, polybutylene, poly(ethylene-propylene), poly(ethylene-butylene), polypropylene, or polyethylene, wherein said selected copolymer is

a linear, radial, star-shaped, branched or multiarm copolymer, wherein n is greater than one; ~~and wherein said composite formed from the combination G<sub>n</sub>G<sub>n</sub>, MnMnG<sub>n</sub>, G<sub>n</sub>Mn, G<sub>n</sub>MnG<sub>n</sub>, MnG<sub>n</sub>Mn, MnG<sub>n</sub>G<sub>n</sub>, MnMnMnG<sub>n</sub>, MnMnMnG<sub>n</sub>Mn, MnG<sub>n</sub>G<sub>n</sub>Mn, G<sub>n</sub>MnG<sub>n</sub>G<sub>n</sub>, G<sub>n</sub>MnMnG<sub>n</sub>, G<sub>n</sub>G<sub>n</sub>MnMn, G<sub>n</sub>G<sub>n</sub>MnG<sub>n</sub>Mn, G<sub>n</sub>MnG<sub>n</sub>G<sub>n</sub>, G<sub>n</sub>MnG<sub>n</sub>MnMn, MnG<sub>n</sub>MnG<sub>n</sub>MnG<sub>n</sub>, G<sub>n</sub>G<sub>n</sub>MnMnG<sub>n</sub>, G<sub>n</sub>G<sub>n</sub>MnG<sub>n</sub>MnG<sub>n</sub>, a sequential addition or a permutation of one or more of said G<sub>n</sub> with Mn; wherein when n is a subscript of M, n is the same or different selected from the group consisting of foam, plastic, fabric, glass, ceramics, synthetic resin, or synthetic fibers; and wherein when n is a subscript of G, n denotes the same or a different gel rigidity and~~

(iv) a minor amount of at least one or more glassy component associating resins having softening points above about 120°C.

(once amended) 12. A ~~composite non-tacky comprising~~ a gel composition comprising; ~~G<sub>n</sub>, formed from-~~

(i) 100 parts by weight of one or more block copolymer of poly(styrene-ethylene/ethylene-propylene-styrene) exhibiting sufficient crystallinity of negligible crystallinity or low crystallinity, wherein said block copolymer is a high viscosity copolymer having a viscosity value at 5 weight percent solution in toluene at 30°C of about 90 cps and higher which corresponds to a viscosity at 10 weight percent of about 5800 cps and higher which corresponds to a viscosity at 20 weight percent solids solution in toluene at 25°C of at about 80,000 cps and higher, and from

(ii) about 250 to about 1,600 parts by weight of a low viscosity plasticizing oil; said gelatinous elastomer compositions characterized by a gel gram Bloom of about 2 to about 2000 gram bloom; and in combination with or without

(iii) a selected amount of one or more polymers or copolymers of poly(styrene-butadiene-styrene), poly(styrene-butadiene)<sub>n</sub>, poly(styrene-isoprene)<sub>n</sub>, poly(styrene-ethylene-propylene), poly(styrene-ethylene-butylene), poly(styrene-ethylene-propylene)<sub>n</sub>, poly(styrene-ethylene-butylene)<sub>n</sub>, poly(styrene-ethylene-propylene-styrene), poly(styrene-ethylene-butylene-styrene), polystyrene, polybutylene, poly(ethylene-propylene), poly(ethylene-butylene), polypropylene, or polyethylene, wherein said selected copolymer is a linear, radial, star-shaped, branched or multiarm copolymer, wherein n is greater than one; ~~and wherein said composite formed from the combination G<sub>n</sub>G<sub>n</sub>, MnMnG<sub>n</sub>, G<sub>n</sub>Mn, G<sub>n</sub>MnG<sub>n</sub>,~~

~~MnGnMn, MnGnGn, MnMnMnGn, MnMnMnGnMn, MnGnGnMn, GnMnGnGn, GnMnMnGn, GnGnMnMn, GnGnMnGnMn, GnMnGnGn, GnMnGnMnMn, MnGnMnGnMnGn, GnGnMnMnGn, GnGnMnGnMnGn, a sequential addition or a permutation of one or more of said Gn with Mn; wherein when n is a subscript of M, n is the same or different selected from the group consisting of foam, plastic, fabric, glass, ceramics, synthetic resin, or synthetic fibers; and wherein when n is a subscript of G, n denotes the same or a different gel rigidity and~~

(iv) a minor amount of at least one or more glassy component associating resins having softening points above about 120°C.

(once amended) 13. A non-tacky gel composite article comprising a thermoplastic, heat formable and heat reversible gelatinous elastomer composition, G, which is formed into a composite by heat and interlocked with one or more of a selected substrate material, M, said gelatinous elastomer composition formed from comprising:

(i) 100 parts by weight of one or a mixture of two or more of a hydrogenated styrene isoprene/butadiene block copolymer(s) having selected crystallinity and from

(ii) about 300 to about 1,600 parts by weight of a low viscosity plasticizing oil; said gelatinous elastomer compositions characterized by a gel rigidity of from about 20 to about 800 gram Bloom; and in combination with or without

(iii) a selected amount of one or more polymers or copolymers of poly(styrene-butadiene-styrene), poly(styrene-butadiene)n, poly(styrene-isoprene-styrene)n, poly(styrene-isoprene)n, poly(styrene-ethylene-propylene), poly(styrene-ethylene-propylene-styrene), poly(styrene-ethylene-butylene-styrene), poly(styrene-ethylene-butylene), poly(styrene-ethylene propylene)n, poly(styrene-ethylene-butylene)n, polystyrene, polybutylene, poly(ethylene-propylene), poly(ethylene-butylene), polypropylene, or polyethylene, wherein said selected copolymer is a linear, radial, star-shaped, branched or multiarm copolymer, wherein n is greater than one; ~~and wherein said composite formed from the combination GnMnGn, MnGnMn, GnGnMn, MnMnMnGn, MnMnMnGnMn, MnGnGnMn, GnMnGnGn, GnMnMnGn, GnGnMnMn, GnGnMnGnMn, GnMnGnMnMn, MnGnMnGnMnGn, GnGnMnMnGn, GnGnMnGnMnGn, a sequential addition or a permutation of one or more of said Gn with Mn; wherein when n is a subscript of M, n is the same or different selected from the group consisting of foam, plastic, fabric, metal, concrete, wood, glass, ceramics, synthetic resin,~~

~~synthetic fibers or refractory materials; and wherein when n is a subscript of G, n denotes the same or a different gel rigidity of from about 20 to about 800 gram Bloom and~~

(iv) a minor amount of at least one or more glassy component associating resins having softening points above about 120°C.

(once amended) 14. A non-tacky gel composite article comprising a thermoplastic, heat formable and heat reversible gelatinous elastomer composition, G, which is formed into a composite by heat and interlocked with one or more of a selected substrate material, M, said gelatinous elastomer composition formed from comprising:

(i) 100 parts by weight of one or a mixture of two or more of a hydrogenated styrene isoprene/butadiene block copolymer(s) exhibiting selected crystallinity and

(ii) from about 300 to about 1,600 parts by weight of an plasticizing oil; wherein said gelatinous elastomer compositions characterized by a gel rigidity of from about 20 to about 800 gram Bloom; in combination with or without

(iii) a selected amount of one or more polymer or copolymer of poly(styrene-butadiene-styrene), poly(styrene-butadiene)n, poly(styrene-isoprene-styrene), poly(styrene-isoprene)n, poly(styrene-ethylene-propylene), poly(styrene-ethylene-propylene-styrene), poly(styrene-ethylene-butylene-styrene), poly(styrene-ethylene-butylene), poly(styrene-ethylene propylene)n, poly(styrene-ethylene-butylene)n, polystyrene, polybutylene, poly(ethylene-propylene), poly(ethylene-butylene), polypropylene, or polyethylene, wherein said selected copolymer is a linear, radial, branched, star-shaped, or multiarm copolymer, and n is an integer greater than one; ~~wherein said composite formed from the combination G<sub>n</sub>M<sub>n</sub> of said G<sub>n</sub> with M<sub>n</sub>; wherein when n is a subscript of M, n is the same or different selected from the group consisting of foam, plastic, fabric, metal, concrete, wood, glass, ceramics, synthetic resin, synthetic fibers or refractory materials; and wherein when n is a subscript of G, n denotes the same or a different gel rigidity of from about 20 to about 800 gram Bloom and~~

(iv) a minor amount of at least one or more glassy component associating resins having softening points above about 120°C.

(once amended) 15. A non-tacky gel composite article comprising a thermoplastic, heat formable and heat reversible gelatinous elastomer composition, G, which is formed into a composite by heat and interlocked with one or more of a selected substrate material, M, said

~~gelatinous elastomer composition formed from comprising:~~

(i) 100 parts by weight of one or a mixture of two or more of a hydrogenated styrene block copolymer(s) of selected crystallinity with 2-methyl-1,3-butadiene and 1,3-butadiene and

(ii) from about 300 to about 1,600 parts by weight of an plasticizing oil; wherein said gelatinous elastomer compositions characterized by a gel rigidity of from about 20 to about 800 gram Bloom; in combination with or without

(iii) a selected amount of one or more selected polymer or copolymer selected from the group consisting of poly(styrene-butadiene-styrene), poly(styrene-butadiene), poly(styrene-isoprene-styrene), poly(styrene-isoprene), poly(styrene-ethylene-propylene), poly(styrene-ethylene-propylene-styrene), poly(styrene-ethylene-butylene-styrene), poly(styrene-ethylene-butylene), poly(styrene-ethylene propylene)<sub>n</sub>, poly(styrene-ethylene-butylene)<sub>n</sub>, polystyrene, polybutylene, poly(ethylene-propylene), poly(ethylene-butylene), polypropylene, or polyethylene, wherein said selected copolymer is a linear, radial, branched, star-shaped, or multiarm copolymer; and n is an integer greater than one, ~~wherein said gelatinous elastomer compositions characterized by a gel rigidity of from about 20 to about 800 gram Bloom; wherein said composite formed from the combination G<sub>n</sub>M<sub>n</sub>G<sub>n</sub>, M<sub>n</sub>G<sub>n</sub>M<sub>n</sub>, M<sub>n</sub>G<sub>n</sub>G<sub>n</sub>, M<sub>n</sub>M<sub>n</sub>M<sub>n</sub>G<sub>n</sub>, M<sub>n</sub>M<sub>n</sub>M<sub>n</sub>G<sub>n</sub>M<sub>n</sub>, M<sub>n</sub>G<sub>n</sub>G<sub>n</sub>M<sub>n</sub>, G<sub>n</sub>M<sub>n</sub>G<sub>n</sub>G<sub>n</sub>, G<sub>n</sub>M<sub>n</sub>M<sub>n</sub>G<sub>n</sub>, G<sub>n</sub>G<sub>n</sub>M<sub>n</sub>M<sub>n</sub>, G<sub>n</sub>G<sub>n</sub>M<sub>n</sub>G<sub>n</sub>M<sub>n</sub>, G<sub>n</sub>M<sub>n</sub>G<sub>n</sub>M<sub>n</sub>M<sub>n</sub>, M<sub>n</sub>G<sub>n</sub>M<sub>n</sub>G<sub>n</sub>M<sub>n</sub>G<sub>n</sub>, G<sub>n</sub>G<sub>n</sub>M<sub>n</sub>M<sub>n</sub>G<sub>n</sub>, G<sub>n</sub>G<sub>n</sub>M<sub>n</sub>G<sub>n</sub>M<sub>n</sub>G<sub>n</sub>, a sequential addition or a permutation of one or more of said G<sub>n</sub> with M<sub>n</sub>; wherein when n is a subscript of M, n is the same or different selected from the group consisting of foam, plastic, fabric, metal, concrete, wood, glass, ceramics, synthetic resin, synthetic fibers or refractory materials; and wherein when n is a subscript of G, n denotes the same or a different gel rigidity of from about 20 to about 800 gram Bloom and~~

(iv) a minor amount of at least one or more glassy component associating resins having softening points above about 120°C.

(once amended) 16. A non-tacky gel composite article comprising a thermoplastic, heat formable and heat reversible gelatinous elastomer composition, G, which is formed into a composite by heat and interlocked with one or more of a selected substrate material, M, said gelatinous elastomer composition formed from comprising:

(i) 100 parts by weight of one or a mixture of two or more of a

hydrogenated styrene block copolymer(s) ~~exhibiting sufficient crystallinity of negligible crystallinity or low crystallinity~~, with 2-methyl-1,3-butadiene and 1,3-butadiene block polymer(s) and

(ii) from about 300 to about 1,600 parts by weight of an plasticizing oil, and in combination with or without

(ii) a selected amount of one or more polymers or copolymers of poly(styrene-butadiene-styrene), poly(styrene-butadiene), poly(styrene-isoprene-styrene), poly(styrene-isoprene), poly(styrene-ethylene-propylene), poly(styrene-ethylene-propylene-styrene), poly(styrene-ethylene-butylene-styrene), poly(styrene-ethylene-butylene), poly(styrene-ethylene propylene)<sub>n</sub>, poly(styrene-ethylene-butylene)<sub>n</sub>, polystyrene, polybutylene, poly(ethylene-propylene), poly(ethylene-butylene), polypropylene, or polyethylene, wherein said selected copolymer is a linear, branched, radial, star-shaped, or multiarm copolymer; and n is an integer greater than one; ~~wherein said composite formed from the combination G<sub>n</sub>M<sub>n</sub>G<sub>n</sub>, M<sub>n</sub>G<sub>n</sub>M<sub>n</sub>, M<sub>n</sub>G<sub>n</sub>G<sub>n</sub>, M<sub>n</sub>M<sub>n</sub>M<sub>n</sub>G<sub>n</sub>, M<sub>n</sub>M<sub>n</sub>M<sub>n</sub>G<sub>n</sub>M<sub>n</sub>, M<sub>n</sub>G<sub>n</sub>G<sub>n</sub>M<sub>n</sub>, G<sub>n</sub>M<sub>n</sub>G<sub>n</sub>G<sub>n</sub>, G<sub>n</sub>M<sub>n</sub>M<sub>n</sub>G<sub>n</sub>, G<sub>n</sub>G<sub>n</sub>M<sub>n</sub>M<sub>n</sub>, G<sub>n</sub>G<sub>n</sub>M<sub>n</sub>G<sub>n</sub>M<sub>n</sub>, G<sub>n</sub>M<sub>n</sub>G<sub>n</sub>M<sub>n</sub>M<sub>n</sub>, M<sub>n</sub>G<sub>n</sub>M<sub>n</sub>G<sub>n</sub>M<sub>n</sub>G<sub>n</sub>, G<sub>n</sub>G<sub>n</sub>M<sub>n</sub>M<sub>n</sub>G<sub>n</sub>, G<sub>n</sub>G<sub>n</sub>M<sub>n</sub>G<sub>n</sub>M<sub>n</sub>G<sub>n</sub>, a sequential addition or a permutation of one or more of said G<sub>n</sub> with M<sub>n</sub>, wherein when n is a subscript of M, n is the same or different selected from the group consisting of foam, plastic, fabric, metal, concrete, wood, glass, ceramics, synthetic resin, synthetic fibers or refractory materials; and wherein when n is a subscript of G, n denotes the same or a different gel rigidity of from about 20 to about 800 gram Bloom and~~

(iv) a minor amount of at least one or more glassy component associating resins having softening points above about 120°C.

(once amended) 17. A non-tacky gel composite of claim 10 wherein said hydrogenated styrene block copolymer is one or more of a block copolymer of poly(styrene-ethylene-ethylene-propylene-styrene).

(once amended) 18. A composite article of claim 11, wherein a source of said hydrogenated poly(styrene-isoprene/butadiene-styrene) block polymer being Septon® 4033, Septon® 4045, and Septon® 4055 ~~or an equivalent~~ and said resins being Aldrich Nos.: 32.771-9 (2.500M<sub>w</sub>), 32.772-7 (4.000 Mw), 37.951-4 (13.000 Mw), 32-774-3 (20.000 Mw), 32.775-1 (35.000 Mw), 33.034-5 (50.000 Mw), 32.777-8 (90.000 Mw), poly(alpha-methylstyrene)



#41,794-7 (1,300 Mw), 19,184-1 (4,000 Mw); poly(4-methylstyrene) #18,227-3 (72,000 Mw); Hercules Chemical: Endex 155, 160, Kristalex 120, 140; (Regalrez 1126, 1128, 1139, 3102, 5095, and 6108), hydrogenated mixed aromatic resins (Regalite R125), Picco 5130, 5140, 9140; GE: Blendex HPP820, HPP822, HPP823; Cumar LX509, Cumar 130, Lx-1035).

(once amended) 20. A non-tacky gel composite article comprising a thermoplastic, heat formable and heat reversible gelatinous elastomer composition, G, which is formed into a composite by heat and interlocked with one or more of a selected substrate material, M, said gelatinous elastomer composition formed from comprising:

(i) 100 parts by weight of one or a mixture of two or more of a hydrogenated styrene block copolymer(s) exhibiting selected crystallinity with 2-methyl-1,3-butadiene and 1,3-butadiene

(ii) from about 300 to about 1,600 parts by weight of an plasticizing oil, and in combination with or without

(iii) a selected amount of one or more polymers or copolymers of poly(styrene-butadiene-styrene), poly(styrene-butadiene)<sub>n</sub>, poly(styrene-isoprene-styrene)<sub>n</sub>, poly(styrene-isoprene)<sub>n</sub>, poly(styrene-ethylene-propylene), poly(styrene-ethylene-propylene-styrene), poly(styrene-ethylene-butylene-styrene), poly(styrene-ethylene-butylene), poly(styrene-ethylene propylene)<sub>n</sub>, poly(styrene-ethylene-butylene)<sub>n</sub>, polystyrene, polybutylene, poly(ethylene-propylene), poly(ethylene-butylene), polypropylene, or polyethylene, wherein said selected copolymer is a linear, radial, star-shaped, branched or multiarm copolymer, wherein n is greater than one; wherein said gelatinous elastomer composition characterized by a gel rigidity of from about 20 to about 800 gram Bloom; ~~wherein said composite formed from the combination G<sub>n</sub>M<sub>n</sub> of said G<sub>n</sub> with M<sub>n</sub>; wherein when n is a subscript of M, n is the same or different selected from the group consisting of foam, plastic, fabric, metal, concrete, wood, glass, ceramics, synthetic resin, synthetic fibers or refractory materials; and wherein when n is a subscript of G, n denotes the same or a different gel rigidity of from about 20 to about 800 gram Bloom~~

(iv) a minor amount of at least one or more glassy component associating resins having softening points above about 120°C.

(once amended) 21. A non-tacky gel composite article comprising a thermoplastic, heat

~~formable and heat reversible gelatinous elastomer composition, G, which is formed into a composite by heat and interlocked with one or more of a selected substrate material, M, said gelatinous elastomer composition formed from comprising:~~

(i) 100 parts by weight of one or a mixture of two or more of a hydrogenated poly(styrene isoprene/butadiene-styrene) block polymer(s) exhibiting selected crystallinity and

(ii) from about 300 to about 1,600 parts by weight of an plasticizing oil, and in combination with or without

(iii) a selected amount of one or more polymers or copolymers of poly(styrene-butadiene-styrene), poly(styrene-butadiene)<sub>n</sub>, poly(styrene-isoprene-styrene)<sub>n</sub>, poly(styrene-isoprene)<sub>n</sub>, poly(styrene-ethylene-propylene), poly(styrene-ethylene-propylene-styrene), poly(styrene-ethylene-butylene-styrene), poly(styrene-ethylene-butylene), poly(styrene-ethylene propylene)<sub>n</sub>, poly(styrene-ethylene-butylene)<sub>n</sub>, polystyrene, polybutylene, poly(ethylene-propylene), poly(ethylene-butylene), polypropylene, or polyethylene, wherein said selected copolymer is a linear, radial, star-shaped, branched or multiarm copolymer, wherein n is greater than one; wherein said gelatinous elastomer composition characterized by a gel rigidity of from about 20 to about 800 gram Bloom; ~~wherein said composite formed from the combination G<sub>n</sub>M<sub>n</sub> of said G<sub>n</sub> with M<sub>n</sub>; wherein when n is a subscript of M, n is the same or different selected from the group consisting of foam, plastic, fabric, metal, concrete, wood, glass, ceramics, synthetic resin, synthetic fibers or refractory materials; and wherein when n is a subscript of G, n denotes the same or a different gel rigidity of from about 20 to about 800 gram Bloom~~

(iv) a minor amount of at least one or more glassy component associating resins having softening points above about 120°C.

(once amended) 22. A composite according to claim 15, wherein said hydrogenated styrene block polymer is one or more of a block copolymer of poly(styrene-ethylene-ethylene-propylene styrene), and a source of said poly(styrene-ethylene-ethylene-propylene-styrene) being Septon® 4033, Septon® 4045, and Septon® 4055 ~~or an equivalent~~ and said resins being Hercules Chemical: Endex 155, 160, Kristalex 120, 140; (Regalrez 1126, 1128, 1139, 3102, 5095, and 6108), (Regalite R125), Picco 5130, 5140, 9140; and GE: Blendex HPP820, HPP822, HPP823.

(once amended) 23. A non-tacky gel composite comprising a gelatinous elastomer composition, Gn, formed from comprising:

(i) 100 parts by weight of one or more block copolymer of poly(styrene-ethylene-ethylene propylene-styrene) exhibiting selected crystallinity, and from

(ii) about 300 to about 1,600 parts by weight of a low viscosity plasticizing oil; and wherein said composite formed from the combination GnMn, GnMnGn, MnGnMn, MnGnGn, MnGnGnMn, GnMnGnGn, GnMnMnGn, GnMnMnGn, GnGnMnMn, GnGnMn GnMn, GnMnGnGn, GnGnMn, GnMnGnMnMn, MnGnMnGnMnGn, GnGnMnMnGn, GnGnMnGnMnGn, a sequential addition or a permutation of one or more of said Gn with Mn; wherein when n is a subscript of M, n is the same or different selected from the group consisting of foam, plastic, fabric, glass, ceramics, synthetic resin, or synthetic fibers; and wherein when n is a subscript of G, n denotes the same or a different gel rigidity

(iv) a minor amount of at least one or more glassy component associating resins having softening points above about 120°C; and said resins being Hercules Chemical: Endex 155, 160, Kristalex 120, 140; (Regalrez 1126, 1128, 1139, 3102, 5095, and 6108), hydrogenated mixed aromatic resins (Regalite R125), Picco 5130, 5140, 9140; and GE: Blendex HPP820, HPP822, HPP823.

(once amended) 24. A non-tacky gel composite comprising a gelatinous elastomer composition, Gn, formed from comprising: (i) 100 parts by weight of one or more of a hydrogenated styrene isoprene/butadiene copolymer exhibiting selected crystallinity, wherein a source of said copolymers being Septon® 4033, Septon® 4045, and Septon® 4055 ~~or an equivalent~~, and from

(ii) about 300 to about 1,600 parts by weight of a low viscosity plasticizing oil; and wherein said composite formed from the combination GnMn, GnMnGn, MnGnMn, MnGnGn, MnGnGnMn, GnMnGnGn, GnMnMnGn, GnMnMnGn, GnGnMnMn, GnGnMn GnMn, GnMnGnGn, GnGnMn, GnMnGnMnMn, MnGnMnGnMnGn, GnGnMnMnGn, GnGnMnGnMnGn, a sequential addition or a permutation of one or more of said Gn with Mn; wherein when n is a subscript of M, n is the same or different selected from the group consisting of foam, plastic, fabric, glass, ceramics, synthetic resin, or synthetic fibers; and wherein when n is a subscript of G, n denotes the same or a different gel rigidity

(iv) a minor amount of at least one or more glassy component associating resins having softening points above about 120°C; and said resins being Hercules Chemical: Endex 155, 160, Kristalex 120, 140; (Regalrez 1126, 1128, 1139, 3102, 5095, and 6108), hydrogenated mixed aromatic resins (Regalite R125), Picco 5130, 5140, 9140.

(once amended) 25. A non-tacky gel composite comprising a gelatinous elastomer composition, Gn, formed from comprising:

(i) 100 parts by weight of a hydrogenated styrene isoprene/butadiene copolymer exhibiting selected crystallinity, wherein a source of said block copolymer being Septon® 4033, Septon® 4045, and Septon® 4055 ~~or an equivalent~~, and from

(ii) about 300 to about 1,600 parts by weight of a low viscosity plasticizing oil; and ~~wherein said composite formed from the combination GnMn, GnMnGn, MnGnMn, MnGnGn, MnGnGnMn, GnMnGnGn, GnMnMnGn, GnMnMnGn, GnGnMnMn, GnGnMn-GnMn, GnMnGnGn, GnGnMn, GnMnGnMnMn, MnGnMnGnMnGn, GnGnMnMnGn, GnGnMnGnMnGn, a sequential addition or a permutation of one or more of said Gn with Mn; wherein when n is a subscript of M, n is the same or different selected from the group consisting of foam, plastic, fabric, glass, ceramics, synthetic resin, or synthetic fibers; and wherein when n is a subscript of G, n denotes the same or a different gel rigidity~~

(iv) a minor amount of at least one or more glassy component associating resins having softening points above about 120°C; and said resins being Hercules Chemical: Endex 155, 160, Kristalex 120, 140.

(once amended) 26. A non-tacky gel composite comprising a gelatinous elastomer composition, Gn, formed from comprising:

(i) 100 parts by weight of one or more block copolymers of poly(styrene-ethylene-ethylene propylene-styrene) exhibiting selected crystallinity, wherein a source of said block copolymers being Septon® 4033, Septon® 4045, and Septon® 4055 ~~or an equivalent~~, and from

(ii) about 300 to about 1,600 parts by weight of a low viscosity plasticizing oil; and ~~wherein said composite formed from the combination GnMn, GnMnGn, MnGnMn, MnGnGn, MnGnGnMn, GnMnGnGn, GnMnMnGn, GnMnMnGn, GnGnMnMn, GnGnMn-GnMn, GnMnGnGn, GnGnMn, GnMnGnMnMn, MnGnMnGnMnGn, GnGnMnMnGn,~~

~~GnGnMnGnMnGn, a sequential addition or a permutation of one or more of said Gn with Mn; wherein when n is a subscript of M, n is the same or different selected from the group consisting of foam, plastic, fabric, glass, ceramics, synthetic resin, or synthetic fibers; and wherein when n is a subscript of G, n denotes the same or a different gel rigidity~~

(iv) a minor amount of at least one or more glassy component associating resins having softening points above about 120°C; and said resins being Hercules Chemical: Regalrez 1126, 1128, 1139, 3102, 5095, and 6108, hydrogenated mixed aromatic resins (Regalite R125), Picco 5130, 5140, 9140.

(once amended) 27. A non-tacky gel composite ~~comprising a gelatinous elastomer composition, Gn, formed from~~ comprising: (i) 100 parts by weight of one or more of a hydrogenated styrene isoprene/butadiene copolymers exhibiting selected crystallinity, wherein a source of said block copolymers being Septon® 4033, Septon® 4045, and Septon® 4055 ~~or an equivalent~~, and from

(ii) about 300 to about 1,600 parts by weight of a low viscosity plasticizing oil; and in combination with or without

(iii) a selected amount of one or more polymers or copolymers of poly(styrene-butadiene-styrene), poly(styrene-isoprene-styrene), poly(styrene-ethylene-butylene-styrene), poly(styrene-ethylene-propylene-styrene), poly(styrene-butadiene)n, poly(styrene-isoprene)n, poly(styrene-ethylene-propylene)n, poly(styrene ethylene-butylene)n, polystyrene, polybutylene, polyethylene, polypropylene; ~~wherein said selected copolymer is a linear, radial, star-shaped, branched or multiarm copolymer, wherein n is greater than one; and wherein said composite formed from the combination GnMn, GnMnGn, MnGnMn, MnGnGn, MnGnGnMn, GnMnGnGn, GnMnMnGn, GnMnMnGn, GnGnMnMn, GnGnMn GnMn, GnMnGnGn, GnGnMn, GnMnGnMnMn, MnGnMnGnMnGn, GnGnMnMnGn, GnGnMnGnMnGn, a sequential addition or a permutation of one or more of said Gn with Mn; wherein when n is a subscript of M, n is the same or different selected from the group consisting of foam, plastic, fabric, glass, ceramics, synthetic resin, or synthetic fibers; and wherein when n is a subscript of G, n denotes the same or a different gel rigidity~~

(iv) a minor amount of at least one or more glassy component associating resins having softening points above about 120°C; and said resins being GE: Blendex HPP820, HPP822, and HPP823.

(once amended) 28. A ~~non-tacky gel composite comprising a gelatinous elastomer composition, Gn, formed from~~ comprising:

(i) 100 parts by weight of s hydrogenated styrene block copolymers having 2-methyl-1,3 butadiene and 1,3-butadiene blocks exhibiting selected crystallinity, wherein a source of said block copolymers being Septon® 4033, Septon® 4045, and Septon® 4055 ~~or an equivalent,~~ and from

(ii) about 300 to about 1,600 parts by weight of a low viscosity plasticizing oil; and in combination with or without

(iii) a selected amount of one or more polymers or copolymers of poly(styrene-butadiene-styrene), poly(styrene-isoprene-styrene), poly(styrene-ethylene-butylene-styrene), poly(styrene-ethylene-propylene-styrene), poly(styrene-butadiene)n, poly(styrene-isoprene)n, poly(styrene-ethylene-propylene)n, poly(styrene ethylene-butylene)n, polystyrene, polybutylene, polyethylene, polypropylene; wherein said selected copolymer is a linear, radial, star-shaped, branched or multiarm copolymer, wherein n is greater than one; ~~and wherein said composite formed from the combination GnMnGn, MnGnMn, MnGnGn, MnGnGnMn, GnMnGnGn, GnMnMnGn, GnMnMnGn, GnGnMnMn, GnGnMnGnMn, GnMnGnGn, GnGnMn, GnMnGnMnMn, MnGnMnGnMnGn, GnGnMnMnGn, GnGnMnGnMnGn, a sequential addition or a permutation of one or more of said Gn with Mn; wherein when n is a subscript of M, n is the same or different selected from the group consisting of foam, plastic, fabric, glass, ceramics, synthetic resin, or synthetic fibers; and wherein when n is a subscript of G, n denotes the same or a different gel rigidity~~

(iv) a minor amount of at least one or more glassy component associating resins having softening points above about 120°C; and said resins being Aldrich Nos.: 32.771-9 (2.500M<sub>w</sub>), 32.772-7 (4.000 Mw), 37.951-4 (13.000 Mw), 32.774-3 (20.000 Mw), 32.775-1 (35.000 Mw), 33.034-5 (50.000 Mw), 32.777-8 (90.000 Mw), poly(alpha-methylstyrene) #41.794-7 (1.300 Mw), 19.184-1 (4.000 Mw); poly(4-methylstyrene) #18.227-3 (72.000 Mw).

(once amended) 29. A ~~non-tacky gel composite comprising a gelatinous elastomer composition, Gn, formed from~~ comprising:

(i) 100 parts by weight of one or more block copolymer of poly(styrene-ethylene-ethylene propylene-styrene) exhibiting selected crystallinity, wherein a source of said block

copolymer being Septon® 4033, Septon® 4045, and Septon® 4055 ~~or an equivalent~~, and from

(ii) about 300 to about 1,600 parts by weight of a low viscosity plasticizing oil; and in combination with or without

(iii) a selected amount of one or more polymers or copolymers of poly(styrene-butadiene-styrene), poly(styrene-isoprene-styrene), poly(styrene-ethylene-butylene-styrene), poly(styrene-ethylene-propylene-styrene), poly(styrene-butadiene)<sub>n</sub>, poly(styrene-isoprene)<sub>n</sub>, poly(styrene-ethylene-propylene)<sub>n</sub>, poly(styrene ethylene-butylene)<sub>n</sub>, polystyrene, polybutylene, polyethylene, polypropylene; wherein said selected copolymer is a linear, radial, star-shaped, branched or multiarm copolymer, wherein n is greater than one; ~~and wherein said composite formed from the combination GnMn, GnMnGn, MnGnMn, MnGnGn, MnGnGnMn, GnMnGnGn, GnMnMnGn, GnMnMnGn, GnGnMnMn, GnGnMnGnMn, GnMnGnGn, GnGnMn, GnMnGnMnMn, MnGnMnGnMnGn, GnGnMnMnGn, GnGnMnGnMnGn, a sequential addition or a permutation of one or more of said Gn with Mn; wherein when n is a subscript of M, n is the same or different selected from the group consisting of foam, plastic, fabric, glass, ceramics, synthetic resin, or synthetic fibers; and wherein when n is a subscript of G, n denotes the same or a different gel rigidity~~

(iv) a minor amount of at least one or more glassy component associating resins having softening points above about 120°C; and said resins being Aldrich Nos.: 32.771-9 (2.500M<sub>w</sub>), 32.772-7 (4.000 Mw), 37.951-4 (13.000 Mw), 32-774-3 (20.000 Mw), 32.775-1 (35.000 Mw), 33.034-5 (50.000 Mw), 32.777-8 (90.000 Mw), poly(alpha-methylstyrene) #41.794-7 (1.300 Mw), 19.184-1 (4.000 Mw); poly(4-methylstyrene) #18.227-3 (72.000 Mw); Hercules Chemical: Endex 155, 160, Kristalex 120, 140.

(once amended) 30. A composite comprising a gelatinous elastomer composition, Gn, formed from

(i) 100 parts by weight a block copolymer comprising poly(styrene-ethylene-ethylene-propylene styrene) block copolymers exhibiting selected crystallinity, wherein a source of said block copolymer being Septon® 4033, Septon® 4045, and Septon® 4055 ~~or an equivalent~~, and from

(ii) about 300 to about 1,600 parts by weight of a low viscosity plasticizing oil; and in combination with or without